



June 2008

**DEPARTMENT OF EDUCATION**  
2007–2008 School Year Reports

Dear School Board Members and School Personnel:

The Maine Educational Assessment (MEA) is the State's measure of student progress in achieving the State standards known as *Learning Results*, adopted by the Maine Legislature in 1997. These *Learning Results* established goals for what all students should know and be able to do at certain times in their school careers and are the basis for Grade Level/Span Expectations, which describe the assessment standards for each grade. The MEA is administered to students in all grades 3 through 8 to meet state assessment requirements and the requirements of the federal *No Child Left Behind Act*.

The 2007-2008 MEA summary reports contain the results of student achievement in reading and mathematics at all grades, science and technology at grades 4 and 8, and writing at grade 5 based on achievement standards set in 2006 and disaggregated by student and school characteristics. This report, together with MEA individual student and subject-specific class analysis reports, provides support for use in program evaluation and planning.

MEA results reflect scores based on test questions that are taken in common by the approximately 15,000 students in each grade level. Students' scores in each content area are based on answers to a combination of multiple-choice questions and questions that require students to construct an answer. The grade 5 writing reports provide information on a student's ability to respond to a prompt measuring narrative writing. More information about the design of the MEA is available at [www.maine.gov/education/mea/index.htm](http://www.maine.gov/education/mea/index.htm).

I look forward to working with you in support of our continued efforts to improve the quality and effectiveness of the instructional opportunities designed to help all students achieve the high standards of the *Learning Results* and demonstrate that achievement through performance on the Maine Educational Assessment.

Sincerely,

Susan A. Gendron  
Commissioner of Education



## School Report Grade 6

Test Date: March 2008  
Code: 10231188  
SAU: Bristol School Department  
School: Bristol Consolidated School

### Contents of the Report

The report is divided into two main sections including a section describing the students tested and a separate section for the results in each content area.

<i>Topic</i>	<i>Page</i>
Summary of Scores .....	2
Summary of Student Participation .....	3
English Language Arts – Reading Results .....	4-6
Mathematics Results .....	7-9

# SUMMARY OF SCORES

Test Date: March 2008

Grade: 6

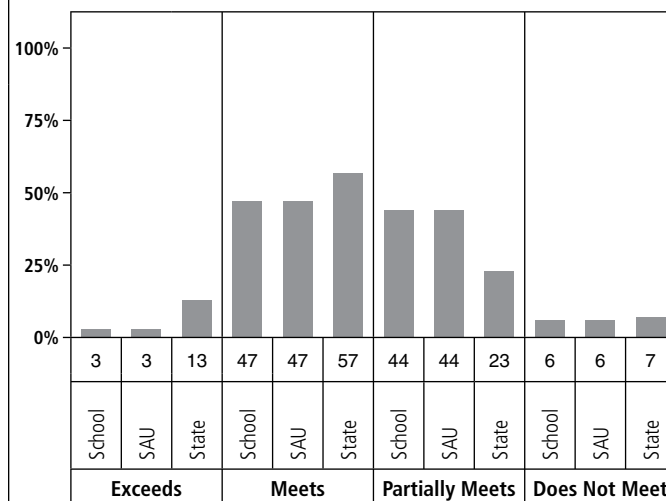
SAU: Bristol School Department

School: Bristol Consolidated School

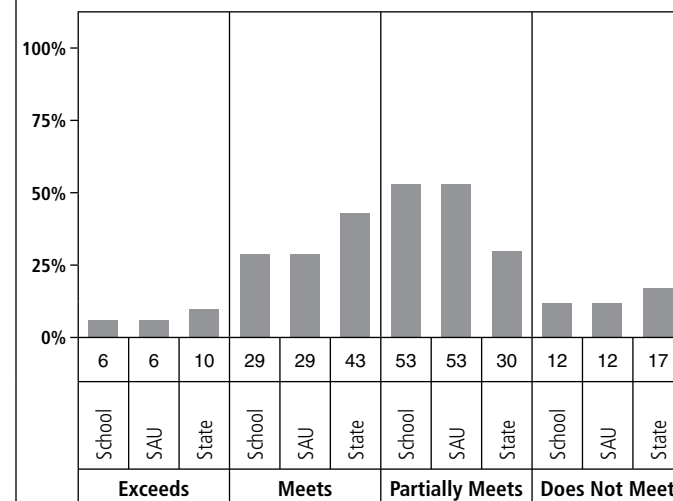
## Summary of School, SAU, and State Scores

Year	Average Scaled Score		
	School	SAU	State
<b>ELA – Reading</b>			
2005–2006	646	646	644
2006–2007	646	646	646
<b>2007–2008</b>	<b>643</b>	<b>643</b>	<b>648</b>
Cum. Avg. *	645	645	646
<b>Mathematics</b>			
2005–2006	646	646	641
2006–2007	645	645	643
<b>2007–2008</b>	<b>638</b>	<b>638</b>	<b>642</b>
Cum. Avg. *	643	643	642

### ELA – READING



### MATHEMATICS



\*Cumulative averages are weighted, i.e., the scaled scores are averaged proportionally based on the numbers of students in each year.

# SUMMARY OF STUDENT PARTICIPATION

Test Date: March 2008

Grade: 6

SAU: Bristol School Department

School: Bristol Consolidated School

CATEGORY OF PARTICIPATION	Enrollment <sup>1</sup> during testing window						CONTENT AREA PARTICIPATION <sup>2</sup>																							
							ELA-Reading						Mathematics																	
	School		SAU		State		School		SAU		State		School		SAU		State		School		SAU		State		School		SAU		State	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
Total number of students	34	100	34	100	14365	100	34	100	34	100	14266	99	34	100	34	100	14268	99												
Ethnicity African American/Black	0	0	0	0	418	3	0	0	0	0	407	97	0	0	0	0	413	99												
American Indian or Native Alaskan	1	3	1	3	111	1	1	100	1	100	110	99	1	100	1	100	110	99												
Asian or Pacific Islander	0	0	0	0	249	2	0	0	0	0	249	100	0	0	0	0	248	100												
Hispanic	0	0	0	0	149	1	0	0	0	0	147	99	0	0	0	0	147	99												
Caucasian/White	33	97	33	97	13438	94	33	100	33	100	13353	100	33	100	33	100	13350	100												
Not Reported	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0												
Identified disability	3	9	3	9	2518	18	3	100	3	100	2479	99	3	100	3	100	2479	99												
Current LEP	0	0	0	0	349	2	0	0	0	0	339	97	0	0	0	0	344	99												
Economically disadvantaged	9	26	9	26	5335	37	9	100	9	100	5277	99	9	100	9	100	5279	99												
Migrant	0	0	0	0	7	0	0	0	0	0	7	100	0	0	0	0	7	100												

MODE OF PARTICIPATION <sup>3</sup>	ELA-Reading						Mathematics																	
	School		SAU		State		School		SAU		State		School		SAU		State		School		SAU		State	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
<b>Participation without accommodations</b>	30	88	30	88	11613	81	30	88	30	88	11626	81												
Identified disability (PET/IEP)	0	0	0	0	373	3	0	0	0	0	373	3												
LEP	0	0	0	0	187	2	0	0	0	0	187	2												
504 plan	0	0	0	0	149	1	0	0	0	0	150	1												
<b>Participation with accommodations</b>	4	12	4	12	2451	17	4	12	4	12	2446	17												
Identified disability (PET/IEP)	3	75	3	75	1909	78	3	75	3	75	1910	78												
LEP	0	0	0	0	142	6	0	0	0	0	152	6												
504 plan	0	0	0	0	85	3	0	0	0	0	84	3												
Other	1	25	1	25	350	14	1	25	1	25	335	14												
<b>Participation through alternate assessment (PAAP)</b>	0	0	0	0	197	1	0	0	0	0	196	1												
Identified disability (PET/IEP)	0	0	0	0	197	100	0	0	0	0	196	100												
LEP	0	0	0	0	5	3	0	0	0	0	5	3												
504 plan	0	0	0	0	0	0	0	0	0	0	0	0												
<b>Approved non-participation in reading – 1st year LEP</b>	0	0	0	0	5	0																		
<b>Approved non-participation – special consideration</b>	0	0	0	0	24	0	0	0	0	0	24	0												
<b>Non-participation – other</b>	0	0	0	0	75	1	0	0	0	0	73	1												

1 Percents are the percentage of students enrolled in each participation category.

2 Percents are the percentage of students, including those who participated through alternate assessment (PAAP), who participated in the content area.

3 Percents are the percentage of students in each content area by mode.

# ELA–READING RESULTS

Test Date:	March 2008
Grade:	6
SAU:	Bristol School Department
School:	Bristol Consolidated School

ACHIEVEMENT LEVEL DEFINITIONS		STUDENTS AT EACH ACHIEVEMENT LEVEL					
		School		SAU		State	
		N	%	N	%	N	%
<b>Exceeds the Standards</b> – The student’s work demonstrates the ability to read and interpret literary and informational texts appropriate for the grade level by drawing in-depth inferences, analyzing texts for subtle clues, synthesizing information across texts, and using his/her knowledge of text features and literary devices to make deeper connections within or across texts to increase comprehension. (scaled score 661–680)	2005-2006	0	0	0	0	1176	8
	2006-2007	1	4	1	4	1132	8
	<b>2007-2008</b>	<b>1</b>	<b>3</b>	<b>1</b>	<b>3</b>	<b>1817</b>	<b>13</b>
	Cum. Total*	2	2	2	2	4125	10
<b>Meets the Standards</b> – The student’s work demonstrates the ability to read and interpret literary and informational texts appropriate for the grade level by drawing inferences, summarizing main ideas and providing supporting details, connecting ideas within and across texts, and using his/her knowledge of text features and literary devices to increase comprehension. (scaled score 641–660)	2005-2006	18	72	18	72	7612	51
	2006-2007	17	68	17	68	8127	57
	<b>2007-2008</b>	<b>16</b>	<b>47</b>	<b>16</b>	<b>47</b>	<b>8072</b>	<b>57</b>
	Cum. Total*	51	61	51	61	23811	55
<b>Partially Meets the Standards</b> – The student’s work demonstrates an inconsistent ability to read and interpret literary and informational texts appropriate for the grade level. The student’s ability to draw inferences, summarize main ideas and provide supporting details, connect ideas within and across texts, and use his/her knowledge of text features and literary devices varies depending on the texts. (scaled score 629–640)	2005-2006	5	20	5	20	4080	27
	2006-2007	5	20	5	20	3549	25
	<b>2007-2008</b>	<b>15</b>	<b>44</b>	<b>15</b>	<b>44</b>	<b>3194</b>	<b>23</b>
	Cum. Total*	25	30	25	30	10823	25
<b>Does Not Meet the Standards</b> – The student’s work demonstrates a limited ability to read and interpret literary and informational texts appropriate for the grade level. The student’s responses are often vague or incorrect leaving the impression that the student found it difficult to draw inferences, summarize main ideas and provide supporting details, connect ideas within and across texts, or use his/her knowledge of text features and literary devices to support comprehension. (scaled score 600–628)	2005-2006	2	8	2	8	2005	13
	2006-2007	2	8	2	8	1478	10
	<b>2007-2008</b>	<b>2</b>	<b>6</b>	<b>2</b>	<b>6</b>	<b>981</b>	<b>7</b>
	Cum. Total*	6	7	6	7	4464	10

Learning Results Content Standard Cluster	Number of Points Possible		Average Points Attained (Number and Percent)					
			School		SAU		State	
	N	%	N	%	N	%	N	%
<b>Total Reading Cluster</b>	<b>56</b>	<b>100</b>	29.4	52.5	29.4	52.5	32.7	58.4
<b>Literary Text</b>	<b>28</b>	<b>50</b>	15.0	53.6	15.0	53.6	16.3	58.2
<b>Informational Text</b>	<b>28</b>	<b>50</b>	14.4	51.4	14.4	51.4	16.5	58.9

The Maine *Learning Results* reading cluster includes Content Standards A (Process of Reading), B (Literature and Culture), and D (Informational Texts). The MEA assesses students’ reading skills based on questions related to two types of reading passages: literary and informational. Passages include both long and short texts, selected from developmentally appropriate works. Items on the MEA measure Grade Level Expectations, based on Maine’s 1997 *Learning Results*, which can be found at <http://www.maine.gov/education/lsalt/gles.htm>.

# ELA-READING RESULTS

## (CONTINUED)

Test Date:	March 2008
Grade:	6
SAU:	Bristol School Department
School:	Bristol Consolidated School

REPORTING CATEGORIES	School										SAU						State					
	Tested	E		M		P		D		Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score
	N	N	%	N	%	N	%	N	%		N	%	%	%	%		N	%	%	%	%	
<b>All Students</b>	34	1	3	16	47	15	44	2	6	643	34	3	47	44	6	643	14064	13	57	23	7	648
<b>Ethnicity</b>																						
African American/Black	0										0						399	7	47	28	17	642
American Indian or Native Alaskan	1										1						108	4	54	32	10	643
Asian or Pacific Islander	0										0						247	16	60	20	4	650
Hispanic	0										0						145	8	45	34	14	643
Caucasian/White	33	1	3	15	45	15	45	2	6	643	33	3	45	45	6	643	13165	13	58	22	7	648
Not Reported	0										0						0					
<b>Identified disability</b>																						
Yes	3										3						2282	2	29	42	27	636
No	31	1	3	16	52	12	39	2	6	644	31	3	52	39	6	644	11782	15	63	19	3	650
<b>Current LEP</b>																						
Yes	0										0						329	4	44	30	22	640
No	34	1	3	16	47	15	44	2	6	643	34	3	47	44	6	643	13735	13	58	23	7	648
<b>Economically disadvantaged</b>																						
Yes	9	0	0	5	56	4	44	0	0	644	9	0	56	44	0	644	5153	6	51	31	12	643
No	25	1	4	11	44	11	44	2	8	643	25	4	44	44	8	643	8911	17	61	18	4	650
<b>Migrant</b>																						
Yes	0										0						7	14	57	14	14	648
No	34	1	3	16	47	15	44	2	6	643	34	3	47	44	6	643	14057	13	57	23	7	648
<b>Gender</b>																						
Female	13	0	0	8	62	5	38	0	0	645	13	0	62	38	0	645	6967	16	59	20	5	650
Male	21	1	5	8	38	10	48	2	10	643	21	5	38	48	10	643	7097	9	56	26	9	646
Not Reported	0										0						0					
<b>Title 1A targeted program</b>																						
Yes	0										0						1186	6	41	42	11	642
No	34	1	3	16	47	15	44	2	6	643	34	3	47	44	6	643	12878	14	59	21	7	648
<b>Gifted/talented program</b>																						
Yes	1										1						557	50	48	2	0	661
No	33	0	0	16	48	15	45	2	6	643	33	0	48	45	6	643	13507	11	58	24	7	647

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards

NOTE: Some achievement level results have been left blank because fewer than five (5) students were tested. N = Number

# ELA–READING RESULTS

## (QUESTIONNAIRE ITEMS)

Test Date: March 2008

Grade: 6

SAU: Bristol School Department

School: Bristol Consolidated School

QUESTIONNAIRE ITEMS	School										SAU						State					
	Students in Each Category	E		M		P		D		Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score
	%	N	%	N	%	N	%	N	%		%	%	%	%	%		%	%	%	%	%	
<b>How much homework do you do on school nights?</b>																						
A. none	0										0						6	7	43	30	20	641
B. less than one hour	76	1	4	14	54	11	42	0	0	645	76	4	54	42	0	645	56	13	58	23	6	648
C. one to two hours	24	0	0	2	25	4	50	2	25	637	24	0	25	50	25	637	34	15	60	20	5	649
D. more than two hours	0										0						3	9	46	29	16	643
<b>How well do the questions that you have just been given on this MEA test match what you have learned in school about reading?</b>																						
A. The questions on the test match what I have learned in reading class.	35	0	0	5	42	6	50	1	8	642	35	0	42	50	8	642	40	17	60	19	5	650
B. They match some of what I have learned.	50	0	0	8	47	8	47	1	6	643	50	0	47	47	6	643	48	12	59	23	6	648
C. They match just a little of what I have learned.	12	1	25	2	50	1	25	0	0	650	12	25	50	25	0	650	9	7	45	34	15	643
D. There is no match.	3	0	0	1	100	0	0	0	0	644	3	0	100	0	0	644	3	3	31	37	29	637
<b>Which of the following best describes how you rate yourself as a student in reading?</b>																						
A. very good	18	1	17	3	50	2	33	0	0	648	18	17	50	33	0	648	28	26	58	11	4	653
B. good	71	0	0	11	46	11	46	2	8	642	71	0	46	46	8	642	54	9	61	24	6	647
C. fair	12	0	0	2	50	2	50	0	0	645	12	0	50	50	0	645	16	3	48	37	13	642
D. poor	0										0						2	1	37	39	23	637
<b>How difficult was the reading part of this test?</b>																						
A. harder than my regular schoolwork	18	1	17	3	50	2	33	0	0	645	18	17	50	33	0	645	15	10	48	27	15	644
B. about the same as my regular schoolwork	76	0	0	13	50	11	42	2	8	643	76	0	50	42	8	643	66	13	59	22	5	649
C. easier than my regular schoolwork	6	0	0	0	0	2	100	0	0	638	6	0	0	100	0	638	18	15	58	20	7	649
<b>How difficult were the reading passages on this test?</b>																						
A. Most of the passages were more difficult than what I normally read.	12	0	0	0	0	2	50	2	50	634	12	0	0	50	50	634	9	2	37	37	23	638
B. Most of the passages were about the same as what I normally read.	56	1	5	9	47	9	47	0	0	645	56	5	47	47	0	645	54	9	59	26	6	647
C. Most of the passages were easier than what I normally read.	32	0	0	7	64	4	36	0	0	644	32	0	64	36	0	644	36	21	60	15	4	652
<b>How hard did you try on the reading part of this test?</b>																						
A. I tried harder on this test than I do on my regular schoolwork.	53	1	6	7	39	9	50	1	6	642	53	6	39	50	6	642	46	13	56	24	7	648
B. I tried about the same as I do on my regular schoolwork.	47	0	0	9	56	6	38	1	6	645	47	0	56	38	6	645	50	14	60	21	6	649
C. I did not try as hard on this test as I do on my regular schoolwork.	0										0						3	5	46	30	20	641
<b>How much time do you spend reading at home each day?</b>																						
A. more than one hour	18	0	0	4	67	2	33	0	0	646	18	0	67	33	0	646	19	19	58	17	6	651
B. 20 minutes to an hour	53	1	6	5	28	11	61	1	6	642	53	6	28	61	6	642	51	15	60	20	5	649
C. less than 20 minutes	26	0	0	7	78	1	11	1	11	645	26	0	78	11	11	645	12	9	56	26	9	646
D. I rarely read at home.	3	0	0	0	0	1	100	0	0	636	3	0	0	100	0	636	18	4	50	34	13	643
<b>Optional school/SAU question</b>																						
A.	0										0											
B.	0										0											
C.	0										0											
D.	0										0											

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards

N = Number

# MATHEMATICS RESULTS

Test Date: March 2008  
Grade: 6  
SAU: Bristol School Department  
School: Bristol Consolidated School

ACHIEVEMENT LEVEL DEFINITIONS		STUDENTS AT EACH ACHIEVEMENT LEVEL					
		School		SAU		State	
		N	%	N	%	N	%
<b>Exceeds the Standards</b> – The student’s work demonstrates in-depth understanding of essential concepts in mathematics, including the ability to make multiple connections among central ideas. The student’s responses demonstrate the ability to synthesize information; analyze and solve difficult problems, including developing and implementing strategies, efficiently and accurately performing procedures, and recording and justifying solutions; and explain complex concepts. (scaled score 661–680)	2005-2006	2	8	2	8	1463	10
	2006-2007	3	12	3	12	2092	15
	<b>2007-2008</b>	<b>2</b>	<b>6</b>	<b>2</b>	<b>6</b>	<b>1474</b>	<b>10</b>
	Cum. Total*	7	8	7	8	5029	12
<b>Meets the Standards</b> – The student’s work demonstrates a general understanding of essential concepts in mathematics, including the ability to make connections among central ideas. The student’s responses demonstrate the ability to analyze and solve problems including developing and implementing strategies, to perform procedures, and to record and explain solutions and concepts. The student’s work may contain minor errors. (scaled score 641–660)	2005-2006	18	69	18	69	5914	40
	2006-2007	9	36	9	36	5731	40
	<b>2007-2008</b>	<b>10</b>	<b>29</b>	<b>10</b>	<b>29</b>	<b>6008</b>	<b>43</b>
	Cum. Total*	37	44	37	44	17653	41
<b>Partially Meets the Standards</b> – The student’s work demonstrates incomplete understanding of essential concepts in mathematics and inconsistent connections among central ideas. The student’s responses demonstrate some ability to analyze and solve problems, and explain concepts. Problem solving strategies may be flawed, procedures performed inaccurately, methods not recorded and/or problems not completed. (scaled score 627–640)	2005-2006	4	15	4	15	4494	30
	2006-2007	12	48	12	48	4175	29
	<b>2007-2008</b>	<b>18</b>	<b>53</b>	<b>18</b>	<b>53</b>	<b>4244</b>	<b>30</b>
	Cum. Total*	34	40	34	40	12913	30
<b>Does Not Meet the Standards</b> – The student’s work demonstrates limited understanding of essential concepts in mathematics and infrequent or inaccurate connections among central ideas. The student’s responses demonstrate minimal ability to solve problems and explain concepts. Problem solving strategies and procedures are often flawed or inappropriate and there may be many omissions. (scaled score 600–626)	2005-2006	2	8	2	8	3014	20
	2006-2007	1	4	1	4	2308	16
	<b>2007-2008</b>	<b>4</b>	<b>12</b>	<b>4</b>	<b>12</b>	<b>2346</b>	<b>17</b>
	Cum. Total*	7	8	7	8	7668	18

Learning Results Content Standard Clusters	Number of Points Possible		Average Points Attained (Number and Percent)					
			School		SAU		State	
	N	%	N	%	N	%	N	%
Cluster 1: Numbers and Operations	19	34	9.5	50.0	9.5	50.0	9.6	50.5
Cluster 2: Shape and Size	15	27	6.4	42.7	6.4	42.7	8.1	54.0
Cluster 3: Mathematical Decision Making	7	13	3.6	51.4	3.6	51.4	4.2	60.0
Cluster 4: Patterns	15	27	6.4	42.7	6.4	42.7	7.5	50.0

- Cluster 1: Numbers and Operations**  
A. Numbers and Number Sense  
B. Computation  
I. Discrete Mathematics (grades 3 and 4 only)
- Cluster 2: Shape and Size**  
E. Geometry  
F. Measurement
- Cluster 3: Mathematical Decision Making**  
C. Data Analysis and Statistics  
D. Probability
- Cluster 4: Patterns**  
G. Patterns, Relations, and Functions  
H. Algebra Concepts  
K. Mathematical Communication

Each content standard in the clusters above is defined in Maine’s 1997 *Learning Results*, which are the basis for Grade Level Expectations. Each item on the MEA measures a grade level expectation, which can be found at <http://www.maine.gov/education/lsalt/gles.htm>.

# MATHEMATICS RESULTS

## (CONTINUED)

Test Date: March 2008  
 Grade: 6  
 SAU: Bristol School Department  
 School: Bristol Consolidated School

REPORTING CATEGORIES	School										SAU						State					
	Tested	E		M		P		D		Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score
	N	N	%	N	%	N	%	N	%		N	%	%	%	%		N	%	%	%	%	
<b>All Students</b>	34	2	6	10	29	18	53	4	12	638	34	6	29	53	12	638	14072	10	43	30	17	642
<b>Ethnicity</b>																						
African American/Black	0										0						409	4	26	35	35	632
American Indian or Native Alaskan	1										1						108	6	26	39	29	635
Asian or Pacific Islander	0										0						247	13	50	25	13	646
Hispanic	0										0						145	9	32	34	25	638
Caucasian/White	33	2	6	10	30	17	52	4	12	638	33	6	30	52	12	638	13163	11	43	30	16	643
Not Reported	0										0						0					
<b>Identified disability</b>																						
Yes	3										3						2283	2	18	31	49	627
No	31	2	6	10	32	15	48	4	13	638	31	6	32	48	13	638	11789	12	48	30	10	645
<b>Current LEP</b>																						
Yes	0										0						339	5	22	32	41	631
No	34	2	6	10	29	18	53	4	12	638	34	6	29	53	12	638	13733	11	43	30	16	643
<b>Economically disadvantaged</b>																						
Yes	9	0	0	2	22	6	67	1	11	636	9	0	22	67	11	636	5160	4	34	36	26	636
No	25	2	8	8	32	12	48	3	12	639	25	8	32	48	12	639	8912	14	48	27	11	646
<b>Migrant</b>																						
Yes	0										0						7	0	57	43	0	641
No	34	2	6	10	29	18	53	4	12	638	34	6	29	53	12	638	14065	10	43	30	17	642
<b>Gender</b>																						
Female	13	1	8	3	23	7	54	2	15	637	13	8	23	54	15	637	6974	10	43	31	16	642
Male	21	1	5	7	33	11	52	2	10	639	21	5	33	52	10	639	7098	11	42	30	17	642
Not Reported	0										0						0					
<b>Title 1A targeted program</b>																						
Yes	0										0						1192	4	23	43	30	634
No	34	2	6	10	29	18	53	4	12	638	34	6	29	53	12	638	12880	11	44	29	15	643
<b>Gifted/talented program</b>																						
Yes	1										1						557	53	42	4	0	663
No	33	1	3	10	30	18	55	4	12	637	33	3	30	55	12	637	13515	9	43	31	17	641

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards

NOTE: Some achievement level results have been left blank because fewer than five (5) students were tested. N = Number



# MATHEMATICS RESULTS

## (QUESTIONNAIRE ITEMS)

Test Date: March 2008

Grade: 6

SAU: Bristol School Department

School: Bristol Consolidated School

QUESTIONNAIRE ITEMS	School										SAU						State																												
	Students in Each Category	E		M		P		D		Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score																							
		%	N	%	N	%	N	%	N														%	%	%	%	%	%	%	%	%	%													
How much homework do you do on school nights? A. none B. less than one hour C. one to two hours D. more than two hours	0 76 24 0		2 8 0 0		10 38 0 0		12 46 6 75		2 8 25 25		640 630		76 24 0		8 0 0		38 0 0		46 75 25		8 25		640 630		6 56 34 3		6 11 11 6		33 43 45 33		31 30 30 32		31 16 14 28		635 643 644 636										
How well do the questions that you have just been given on this MEA test match what you have learned in school about mathematics? A. The questions on the test match what I have learned in mathematics class. B. They match some of what I have learned. C. They match just a little of what I have learned. D. There is no match.		35		0		0		3		25		8		67		1		8		638		35		0		25		67		8		638		45		14		47		28		11		646	
		59		2		10		5		25		10		50		3		15		638		59		10		25		50		15		638		43		8		43		33		17		641	
		3		0		0		1		100		0		0		0		0		644		3		0		100		0		0		644		9		6		30		33		32		635	
		3		0		0		1		100		0		0		0		0		648		3		0		100		0		0		648		3		5		15		25		54		626	
Which of the following best describes how you rate yourself as a student in mathematics? A. very good B. good C. fair D. poor		21		1		14		4		57		2		29		0		0		649		21		14		57		29		0		649		29		24		51		17		8		651	
		53		1		6		6		33		11		61		0		0		640		53		6		33		61		0		640		48		6		45		33		16		641	
		21		0		0		0		0		4		57		3		43		625		21		0		0		57		43		625		19		1		29		42		28		634	
		6		0		0		0		0		1		50		1		50		626		6		0		0		50		50		626		3		0		15		41		44		627	
How difficult was the mathematics part of this test? A. harder than my regular schoolwork B. about the same as my regular schoolwork C. easier than my regular schoolwork		6		0		0		0		0		1		50		1		50		622		6		0		0		50		50		622		24		5		38		33		24		638	
		76		2		8		7		28		13		52		3		12		639		76		8		28		52		12		639		62		9		45		31		14		643	
		18		0		0		3		50		3		50		0		0		641		18		0		50		50		0		641		14		26		43		20		12		650	
How hard did you try on the mathematics part of this test? A. I tried harder on this test than I do on my regular schoolwork. B. I tried about the same as I do on my regular schoolwork. C. I did not try as hard on this test as I do on my regular schoolwork.		53		0		0		4		22		11		61		3		17		634		53		0		22		61		17		634		48		10		41		32		17		642	
		47		2		13		6		38		7		44		1		6		642		47		13		38		44		6		642		49		12		45		28		15		644	
		0																				0											3		9		33		27		32		637		
How often do you use hands-on materials in mathematics class? A. almost every day B. two or three days a week C. two or three times each month D. never or almost never		15		0		0		2		40		1		20		2		40		633		15		0		40		20		40		633		17		8		39		30		22		639	
		50		2		12		3		18		10		59		2		12		639		50		12		18		59		12		639		34		11		44		31		14		643	
		29		0		0		4		40		6		60		0		0		639		29		0		40		60		0		639		31		12		44		29		15		644	
		6		0		0		1		50		1		50		0		0		639		6		0		50		50		0		639		18		10		42		31		18		642	
How often do you use calculators in mathematics class? A. almost every day B. two or three days a week C. two or three times each month D. never or almost never		44		1		7		3		20		8		53		3		20		636		44		7		20		53		20		636		11		11		37		29		23		641	
		53		1		6		6		33		10		56		1		6		639		53		6		33		56		6		639		32		11		44		30		15		643	
		0																				0											32		11		45		30		15		643		
		3		0		0		1		100		0		0		0		0		648		3		0		100		0		0		648		26		9		40		32		19		641	
On average, how many minutes a day do you spend working on mathematics in class? A. less than 30 minutes B. 30–45 minutes C. 45–60 minutes D. more than 60 minutes		0																				0											7		6		29		33		32		635		
		85		1		3		9		31		16		55		3		10		638		85		3		31		55		10		638		37		8		39		34		20		640	
		12		1		25		0		0		2		50		1		25		640		12		25		0		50		25		640		42		13		47		28		12		645	
		3		0		0		1		100		0		0		0		0		644		3		0		100		0		0		644		15		12		46		27		15		644	
Optional school/SAU question A. B. C. D.		0 0 0 0																				0 0 0 0																							

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